Build Process

The helix decomposed project has maven based project structure which ensures that the project definition and build is consistent across developer machines and IDEs. Please find below steps to run the maven build

Pre-Requisites:

Java Tools should be preinstalled on the machine, and the maven path should be configured so as to have it available on system path.

Please remove .m2 folder before running the build so as to have a clean set of dependencies. Certain dependencies if present in the path can cause unstable build.

Please have jdk 1.7.x installed/copied to your local machine, as this would be the default runtime for compilations.

Build Steps

1. Prepare dependencies by executing setupDependencies.bat or setupDependencies.sh from command prompt. This is one time step, if its already done, start from step 2. If upgrading/changing versions of cdh, this step will be required to run.
2. For a normal build, please do mvn clean install, for just package generation, please do mvn clean package
3. The output of the build will contain the original jar and the shaded jar
4. For deployment purposes, please use the shaded jar as it contains bundled all the required runtime dependencies

Release Steps

1. When performing a release, please use the following command

mvn –b release:prepare release:perform